

IN THE CLAIMS:

I claim:

1. A monoclonal antibody that specifically binds to GW 182 protein or fragments or portions thereof.
2. The monoclonal antibody of claim 1 consisting of one or more antibodies selected from the group consisting of 2D6, 4B6, 5C6, and 6D7.
3. The monoclonal antibody of claim 1 that binds to one or more epitopes of the GW 182 protein corresponding to the epitopes shown in Figure 1.
4. The monoclonal antibody of claim wherein the antibody is 2D6 and having a deposit number of _____.
5. The monoclonal antibody of claim wherein the antibody is 4B6 and having a deposit number of _____.
6. The monoclonal antibody of claim wherein the antibody is 5C6 and having a deposit number of _____.
7. The monoclonal antibody of claim wherein the antibody is 6D7 and having a deposit number of _____.
8. A method of diagnosing the presence of GW 182 in serum comprising contacting serum suspected of containing GW182 with a monoclonal antibody of claim 1, allowing the monoclonal antibody to bind GW182 or a portion thereof, and assaying for the presence of bound monoclonal antibody.